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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/604,919	06/28/2000	Olivier Miakinen	T2147-906538	6435
181 7590 09/11/2007 MILES & STOCKBRIDGE PC 1751 PINNACLE DRIVE SUITE 500 MCLEAN, VA 22102-3833			EXAMINER TRUONG, LAN DAI T	
			ART UNIT 2152	PAPER NUMBER
			MAIL DATE 09/11/2007	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

**Office Action Summary**

Application No.

09/604,919

Applicant(s)

MIAKINEN, OLIVIER

Examiner

Lan-Dai Thi Truong

Art Unit

2152

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 03 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 18 June 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-65 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-65 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_

### **DETAILED ACTION**

1. This action is response to communications: application, filed 11/07/2000; amendment filed 06/18/2007. Claims 1-65 are pending; Claims 1-14, 16-64 are amended

### **Claims Objections**

2. Claims 13-27, 62-65 are objected to according to Rules 608.019(m). The use of reference characters is to be considered as having no effect on the scope of the claims

3. Claim 13 is objected to according to MPEP 2173.05(d). The exemplary Claim languages (“etc”) is properly set forth in the specification rather than the claims. If stated in the claims, they may lead to confusion over the intended scope of a claim.

4. Claim 13 is objected to because of confused language of “...capable of being represented by a filter (F1, F2) constituted by any number of condition....”, see claim 13 preamble, lines 7-9. The Office does clear understand the means of phase “filter (F1, F2)”

### **Claim rejections-35 USC § 112**

The following is a quotation of the first paragraph of 35 U.S.C. 112:

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it

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pertains, or with which it is most nearly connected, to make and use the same and shall set forth the best mode contemplated by the inventor of carrying out his invention.

5. Claim 3 is rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the enablement requirement. The claim(s) contains subject matter, such as, "The method according to claim 1, wherein the second simplified filter has the form:

```
(OR
  (AND
    Condition on index 1: C1(1)
    Condition on index 2: C2(1)
    ...
    Condition on index n: Cn(1)
  )
  ...
  (AND
    Condition on index 1: C1(1)
    Condition on index 2: C2(1)
    ...
    Condition on index n: Cn(1)
  )
  ...
)"
```

which was not described in the specification in such a way as to enable one skilled in the art to which it pertains, or with which it is most nearly connected, to make and/or use the invention. There is not function to imply those lines of conditions program codes into the second simplified filter.

6. Claims 15 and 65 are rejected under 35 U.S.C. 112, first paragraph, as failing to comply with the enablement requirement. The claim(s) contains subject matter, such as, "The

method according to claim 14 comprising in the step of transforming the complex filter (F1) into the simplified filter (F2) having the form:

(OR  
    (AND  
        Condition on index 1: C1(1)  
        Condition on index 2: C2(1)  
        ...  
        Condition on index n: Cn(1)  
    )  
    ...  
    (AND  
        Condition on index 1: C1(1)  
        Condition on index 2: C2(1)  
        ...  
        Condition on index n: Cn(1)  
    )  
    ...  
)

which was not described in the specification in such a way as to enable one skilled in the art to which it pertains, or with which it is most nearly connected, to make and/or use the invention. There is no function to imply those lines of conditions program codes into the complex filter (F1) and the simplified filter (F2)

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

7. Claim 3 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter, such as, "The method according to claim 1, wherein the second simplified filter has the form:

(OR

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```

      (AND
        Condition on index 1: C1(1)
        Condition on index 2: C2(1)
        ...
        Condition on index n: Cn(1)
      )
    ...
  (AND
    Condition on index 1: C1(1)
    Condition on index 2: C2(1)
    ...
    Condition on index n: Cn(1)
  )
  ...
)"

```

which applicant regards as the invention. There is not function to imply those lines of conditions program codes into the second simplified filter.

8. Claims 15 and 65 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter, such as, "The method according to claim 14 comprising in the step of transforming the complex filter (F1) into the simplified filter (F2) having the form:

```

  (OR
    (AND
      Condition on index 1: C1(1)
      Condition on index 2: C2(1)
      ...
      Condition on index n: Cn(1)
    )
    ...
  (AND
    Condition on index 1: C1(1)
    Condition on index 2: C2(1)
    ...
    Condition on index n: Cn(1)
  )
  ...
)"

```

which applicant regards as the invention. There is not function to imply those lines of conditions program codes into the complex filter (F1) and the simplified filter.

9. Claim 13 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter, such as, "... (AND, OR, NOT, EX.OR. etc.) which applicant regards as the invention. Description of "etc" is properly set forth in the specification rather than the claims. The "etc" have been held to be indefinite because the intended scope of the claim is unclear. The corrections are requested

#### **Examiner's recommendations**

1-To expedite prosecution for this application, Examiner highly recommends Applicant to canceled claims 3, 15 and 65

2-In dependent claims 1, 12-13 and 62 would be allowable if they are rewritten as the proposed claim as follows:

A method for processing a complex request and to optimize the number of the SNMP requests transmitted through a network, wherein the complex request is addressed to at least one SNMP agent of a resource machine of a computer system from a complex protocol manager of an application machine, the application and resource machines communicating through a network, each agent managing one or more attribute tables belonging to the resource machine, the instances of the tables being referenced by identifiers comprising indexes, characterized in that the method consists of:

transforming a first filter derived from a complex request from the manager of the application machine into a second simplified filter comprising only conditions on indexes, the second simplified filter corresponding to the following matching characteristics: the second simplified filter lets through all the SNMP requests whose response could verify the first filter based on conditions whose attribute values could verify the first filter, and the second simplified filter filters out all the SNMP requests whose responses cannot in any way verify the first filter because the conditions on indexes associated with said filtered-out SNMP requests do not verify the first filter regardless of attribute values associated with said conditions;

wherein the transforming further comprises deleting from the first filter all conditions that operate on attributes that are not associated with any of said indexes;

limiting the SNMP requests to those that comply with the second simplified filter;

transmitting said limited SNMP requests to the SNMP agent of the resource machine through the network; and

applying the first filter to the responses obtained to the SNMP requests, whereby the method makes possible to process said complex request and to optimize the number of the SNMP requests transmitted through the network.

## **Conclusions**

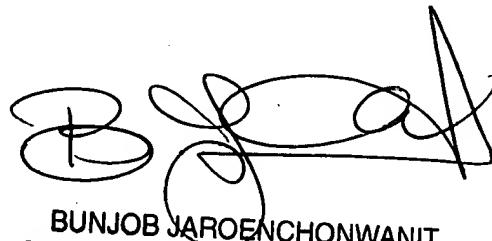
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lan-Dai Thi Truong whose telephone number is 571-272-7959. The examiner can normally be reached on Monday- Friday from 8:30am to 5:00 pm.



If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bunjob A. Jaroenchonwanit can be reached on 571-272-3913. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

08/31/2007

  
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SUPERVISORY PATENT EXAMINER  
9/4/7